

An aerial photograph of a large, winding asphalt race track, likely a NASCAR track, set against a backdrop of dense green forest. The track features several turns and a long straightaway. In the lower-left quadrant, there is a large, multi-story building with a white roof and red accents, surrounded by a parking lot. To the left of the track, there is a large, light-colored pond or lake. The overall scene is a mix of natural greenery and developed infrastructure.

NCCAR

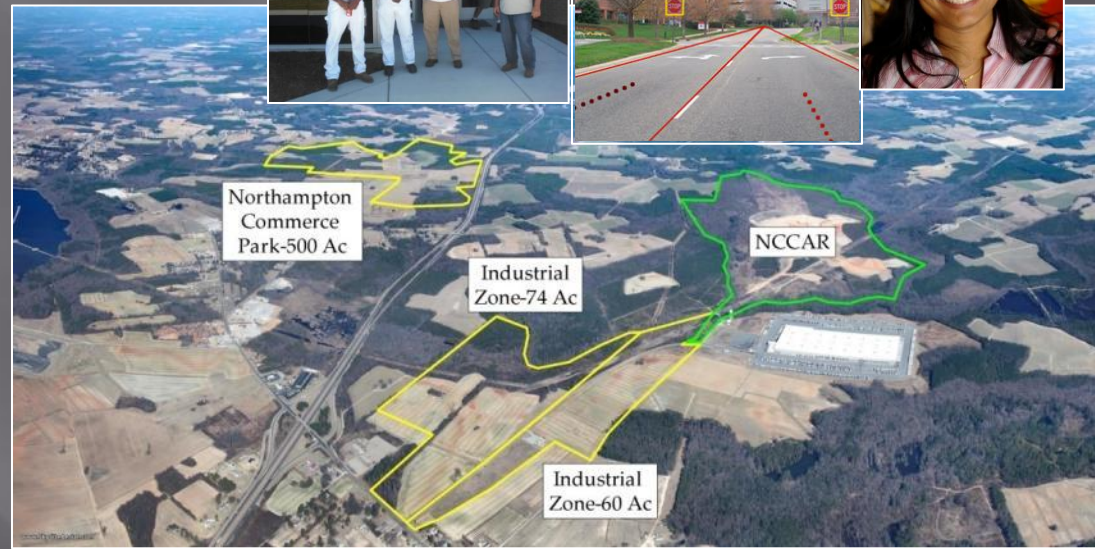
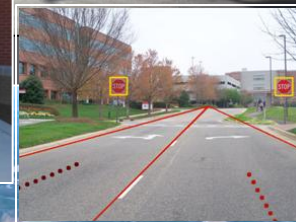
NORTH CAROLINA CENTER FOR AUTOMOTIVE RESEARCH

**SIMON COBB,
NCCAR
FEBRUARY 8, 2011**

What is NCCAR?

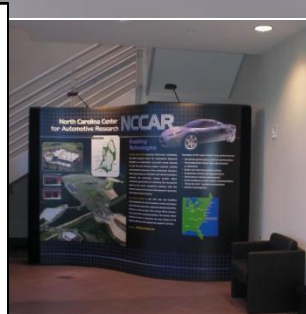
NCCAR

- ❑ Independent vehicle test facility
- ❑ Market research driven
- ❑ Research & development
 - “Enabling technologies”
 - Advanced vehicle controls
 - Sustainable transportation
- ❑ Academic collaboration
- ❑ 620 acre “high tech tool box”
- ❑ Opened in May 2010

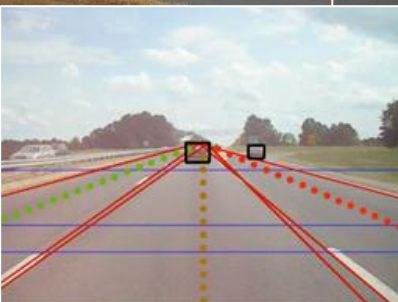


Program & Services

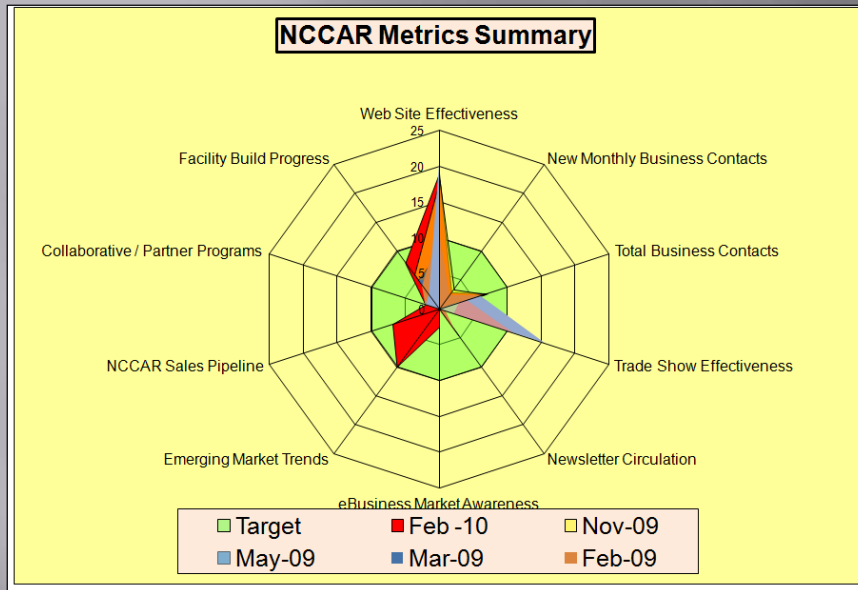
NCCAR



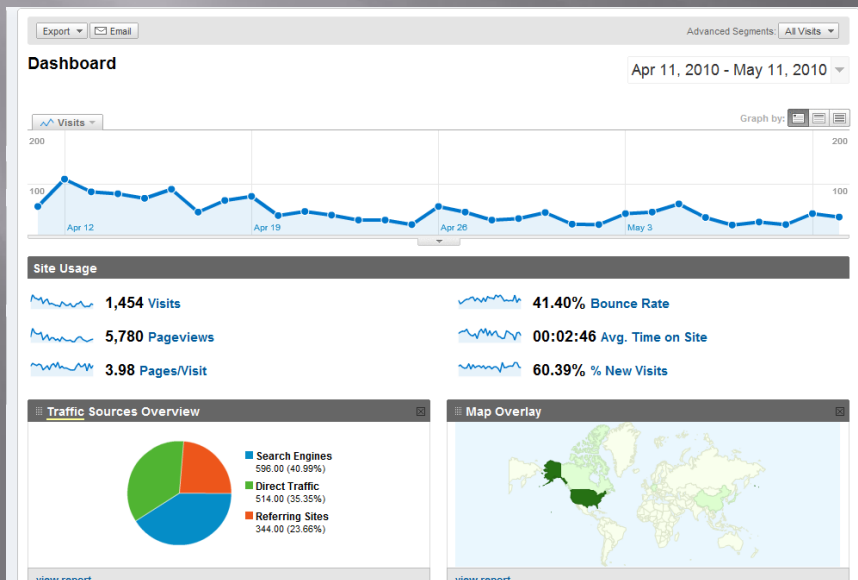
- ❑ Industry research & development center
- ❑ Auto industry start-up incubator
- ❑ Automotive supplier base growth
- ❑ Applied research – NCSU; ECU; NJIT
- ❑ Educational programs – high school & community college
- ❑ Driver skills assessment & training (e.g. local & regional law enforcement)



Performance Metrics & Accomplishments



- Phase 1A construction completed under budget (- \$ 604,688.76)
- Target clients database established (top 50)
- Operational metrics in place & measured
- Operational continuous improvements system established
- Google Analytics used to track website effectiveness
- “CarTech” e-newsletter (circulation 1,100+)
- Trade show attendance & business contact generation: Testing Expo (Detroit & Stuttgart), PRI, SEMA
- 5 clients in first three operational months (SFY 2009-10)



Budget & Source of Funds (SFY 2009-10)



NCCAR Construction Funding (SFY 2009-10)		
General Assembly (89%)	\$	6,808,703
US DoE (IT Implementation: 5%)	\$	343,521
USDOT (Erosion Control Measures: 4%)	\$	270,000
Tobacco Trust Fund (Engineering & Architectural Design: 2%)	\$	190,638
Construction Funds =		\$ 7,612,863
Actual Construction Spend (SFY 2009-10) =		\$ 7,352,482

NCCAR Corporate Operations (Source - General Assembly)		
Legal	\$	5,986
Accounting & Audit	\$	22,169
Insurance & Taxes	\$	33,816
Corporate Travel & Expenses	\$	5,781
IT Licenses & Professional Support Services	\$	42,694
Miscellaneous	\$	115
Utilities	\$	14,605
Personnel & Contractors	\$	179,738
Marketing	\$	56,368
NCCAR (SFY 2009-10) Operational Budget =		\$ 361,273

Status of Funds



As of February 8th, 2011

Cash:	\$ 214,096
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Short-term investments:	\$ 0.00
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Long-term investments:	\$ 0.00
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Employees (SFY 2009-10)



- ▣ Number of full time employees: one
- ▣ Salaries of top five individuals:
 - Chief Operating Officer: \$ 146,299.92 pa
- ▣ Benefits:
 - Medical / hospitalization
 - Retirement plan (SIMPLE IRA)
 - Disability & death in service insurance

Board Operations (SFY 2009-10)



▣ Five board members:

- Dr Steven Margolis (NCSU, Economics Distinguished Professor)
- Wayne Jenkins (Northampton County Manager)
- David Hansen (GM: General Manager Fleet / Commercial Division, retired)
- Fred Gallasch (GM: Corvette Brand Manager, retired)
- Gary Brown (Northampton Economic Development Commission)

▣ Total board expenses: (100% state funds): \$ 5,781.19

▣ Frequency of board meetings: four per year

▣ Board members receive no per diem or allowances.
Reimbursed travel at actual cost:

- | | |
|----------------------|-------------|
| ▪ Dr Steven Margolis | \$ 659.19 |
| ▪ Wayne Jenkins | \$ 0.00 |
| ▪ David Hansen | \$ 2,107.09 |
| ▪ Fred Gallasch | \$ 2,123.68 |
| ▪ Gary Brown | \$ 891.23 |

Use of State Funds (SFY 2009-10) **NCCAR**

▣ Administrative expenses:	4.7%	\$ 361,273.37
▣ Grant programs:	0%	\$ 0.00
▣ Other, non-grant programs:	0%	\$ 0.00
▣ Construction costs:	95.3%	\$ 7,352,482.00
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Total Costs:	100%	\$ 7,713,755.37
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